

WHAT IS CLAIMED IS:

1. A driving device which accepts a storage medium comprising a memory section to be stored with data and a display section to display information and records data to the memory section, said driving device comprising:  
5 a receiving section where the storage medium is set and ejected, the display section of the storage medium being hidden and not being viewable when the storage medium is set in the receiving section; and  
10 a driver which records data to the memory section of the storage medium and renews information displayed on the display section of the storage medium in accordance with the data while the storage medium is set in the receiving section.
- 15 2. The driving device according to claim 1, further comprising:  
a power supply section which supplies electric power to the display section of the storage medium which is set in the receiving section so that information on the display section can be renewed by the driver.
- 20 3. The driving device according to claim 2, wherein the display section uses a material with a memory effect.
4. The driving device according to claim 1, wherein the display section uses a material with a memory effect.
- 25 5. The driving device according to claim 4, wherein the material is

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liquid crystal which exhibits a cholesteric phase in a room temperature.

6. An information processing device which accepts a storage medium comprising a memory section to be stored with data and a display section  
5 to display information and records data to the memory section, said information processing device comprising:

a receiving section where the storage medium is set and ejected, the display section of the storage medium being hidden and not being viewable when the storage medium is set in the receiving section;

10 a data processing section which processes data; and

a driver which records data processed by the data processing section to the memory section of the storage medium and renews information displayed on the display section of the storage medium in accordance with the data while the storage medium is set in the receiving section.

15 7. The information processing device according to claim 6, further comprising:

20 a power supply section which supplies electric power to the display section of the storage medium which is set in the receiving section so that information on the display section can be renewed by the driver.

25 8. The information processing device according to claim 7, wherein the display section uses a material with a memory effect.

9. The information processing device according to claim 6, wherein

the display section uses a material with a memory effect.

10. The information processing device according to claim 8, wherein  
the material is liquid crystal which exhibits cholesteric phase in a room  
5 temperature.

11. The information processing device according to claim 6, wherein  
the data processing section processes image data.

10 12. The information processing device according to claim 11, wherein  
the data processing section has an image pick-up unit which picks up an  
image of an object by use of an image sensor and produces image data.

15 13. The information processing device according to claim 11, wherein  
the driver records image data to the memory section and writes a  
thumbnail image of the image data on the display section.

20 14. The information processing device according to claim 13, wherein  
the driver deletes image data stored in the memory section and deletes a  
thumbnail image of the deleted image data from information on the  
display section.

15. The information processing device according to claim 6, wherein  
the driver performs format of the memory section.

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16. The information processing device according to claim 15, wherein

the driver changes information on the display section in accordance with the format to a piece of information indicating format.

17. The information processing device according to claim 6, which is a  
5 printer.

18. The information processing device according to claim 17, wherein  
the driver renews information on the display section on completion of  
printing.

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19. The information processing device according to claim 18, wherein  
the driver renews information displayed on the display section about the  
number of prints on completion of printing.

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20. An information processing system comprising:  
a storage medium which has a memory section to be stored with  
data and a display section to display information; and

an information processing device where the storage medium is set  
to be accessed by the information processing device and is ejected, the  
20 display section of the storage medium being hidden and not being  
viewable while the storage medium is set in the information processing  
device;

wherein the information processing device comprises:  
a data processing unit which processes data; and  
25 a driver which records data processed by the data processing unit  
to the memory section of the storage medium and renews information on

the display section of the storage medium in accordance with the data.

21. The information processing system according to claim 20, wherein  
the information processing device further comprises a power supply  
5 section which supplies electric power to the display section of the storage  
medium so that the driver can renew information on the display section.
22. The information processing system according to claim 21, wherein  
the display section uses a material with a memory effect.
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23. The information processing system according to claim 20, wherein  
the display section uses a material with a memory effect.
- 15  
24. The information processing system according to claim 23, wherein  
the material is liquid crystal which exhibits a cholesteric phase in a room  
temperature.
- 20  
25. The information processing system according to claim 20, wherein  
the information processing device processes image data.
- 25  
26. The information processing system according to claim 25, wherein  
the information processing device comprises an image pick-up unit which  
picks up an image of an object by use of an image sensor and produces  
image data.
27. The information processing system according to claim 25, wherein

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the driver records image data to the memory section and writes a thumbnail image of the image data on the display section.

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